



City of Cahokia Heights  
Water and Sewer Department  
900 Upper Cahokia Road  
Cahokia, Illinois 62206  
(618) 337-2149

Curtis McCall Sr, Mayor

Richard Duncan, City Clerk

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December 14, 2021

Dean Maraldo  
Water Enforcement and Compliance Assurance Branch  
U.S. EPA - Region 5  
77 West Jackson Blvd. (ECW-15J)  
Chicago, Illinois 60604

Dean:

In response to your request for more info, the City has initiated the following plan:

- 48.A.b.ii.
  - Inspect all City lift stations and temporary lift station bypass stations and submit to EPA a condition status report including date of inspection, name of inspector, operational condition of wet wells, pumps, valve vaults, and controls; and signs of damage.
    - ***All lift stations and bypass locations have been inspected, reports to follow***
  - Address conditions with the potential to cause accidental injury to workers and residents at City lift stations and temporary lift station bypass stations, including unsecured or uncovered manholes and vaults, and open electrical panels
    - ***Temporary measures are in process of completion to address potential safety hazards, including***
      - ***Board up covers for open electrical panels***
      - ***Placement of manhole lids or plywood covers over temporary suction and bypass lines entering underground manholes and vaults***
      - ***Safety fence and warning tape placed around temporary operations***
- 48.A.b.iii.
  - Submit to EPA for review and approval a routine inspection and maintenance plan for lift station and temporary lift station bypass stations, including standard operating procedures for operation, maintenance, and inspection of the lift stations and temporary lift station bypass stations, and example(s) of the written inspection forms/checklists to be used to document each inspection
    - ***Drafting of inspection and maintenance plan is in progress***
  - Submit to EPA for review and approval an interim plan to manage and track work orders, complaints, preventative maintenance; safety incidents; and overflows and backups
    - ***Daily Job sheets will be completed along with maintaining copies of all work orders completed for the daily jobs relating to customer complaints and maintenance. All overflows and backups are being recorded. Safety logs will be kept. Safety training for all employees is forthcoming.***
- 48.A.b.iv.
  - Complete an assessment of the appropriate number of sanitary sewer staff needed across all job categories and across all parts of the City' Sanitary Sewer System and the level of expertise and licensing required for each position. Certification of collection system workers is not required in Illinois (only for treatment plant operators), but the following actions have been taken and are

being pursued...

*Staffing of water and sewer department has been increased by 10 workers, plus supervisors and department managers. On the job training for these new hires is ongoing, professional course training is being pursued and ongoing operator training is being pursued using the resources below.*

#### **OPERATOR GROUPS**

*Mississippi – Kaskaskia Valley Water Pollution Control Operators (MISKA) [www.mis-ka.com](http://www.mis-ka.com)*

*Miss-Rock Water Pollution Control Operators North Central Water & Wastewater Operators Association*

*Southern Illinois Wastewater Operators (SIWO)*

*Illinois Association of Water Pollution Control Operators (IAWPCO) [www.iawpco.org](http://www.iawpco.org)*

*Illinois Water Environment Association (IWEA) [www.iweasite.org](http://www.iweasite.org) Illinois Rural Water*

*Association (IRWA) [www.ilrwa.org](http://www.ilrwa.org)*

#### **TRAINING RESOURCES**

*Southern Illinois University, Edwardsville Environmental Resources Training Center Campus Box 1075  
Edwardsville, IL 62026-1075 (618) 650-2030 [www.siu.edu/ertc/](http://www.siu.edu/ertc/) email: [siue-ertc@siue.edu](mailto:siue-ertc@siue.edu)*

*Department of Civil Engineering*

*Illinois Environmental Protection Agency DWPC/Permit Section/Watershed Unit #15*

*P.O. Box 19276 Springfield, IL 62794-9276 (217) 782-1696*

*Illinois Environmental Protection Agency BOW/Compliance Assurance Section #19 P.O. Box  
19276 Springfield, IL 62794-9276 (217) 782-9720*

*[www2.illinois.gov/epa/topics/water\[1\]quality/wastewater-operator-certification](http://www2.illinois.gov/epa/topics/water[1]quality/wastewater-operator-certification)*

*Wastewater Operator Certification Contact Information*

*Illinois Environmental Protection Agency Bureau of Water/ CAS #19 P.O. Box 19276*

*1021 N. Grand Ave. East Springfield, IL 62794-9276 Telephone: 217-782-9720*

*Fax: 217-782-0075*

*Email: [Debbie.Alderman@illinois.gov](mailto:Debbie.Alderman@illinois.gov)*

Cordially,

**Ex. 6 (Personal Privacy)**

Dennis Traiteur

Operator

City of Cahokia Heights

## By-Pass Pumps

- 1 West Side of [Ex. 6 (Personal Privacy)]
- 2 [Ex. 6 (Personal Privacy)] – Discharge manhole [Ex. 6 (Personal Privacy)] runs into backyards on Lazarcheff
- 3 [Ex. 6 (Personal Privacy)] – pump in backyard runs to manhole next to street
- 4 [Ex. 6 (Personal Privacy)] pump in backyard on Blue Water discharge runs down to manhole on  
Andrews
- 5 [Ex. 6 (Personal Privacy)] runs to manhole behind [Ex. 6 (Personal Privacy)]
- 6 [Ex. 6 (Personal Privacy)] cave in and bypass in backyard, discharge runs to Hutchings
- 7 [Ex. 6 (Personal Privacy)] discharge runs in back to [Ex. 6 (Personal Privacy)]
- 8 [Ex. 6 (Personal Privacy)] discharge runs to [Ex. 6 (Personal Privacy)]
- 9 [Ex. 6 (Personal Privacy)] Discharge runs [Ex. 6 (Personal Privacy)]
- 10 [Ex. 6 (Personal Privacy)] Runs across street to [Ex. 6 (Personal Privacy)] Manhole in the back
- 11 [Ex. 6 (Personal Privacy)] pump in manhole in street discharge buried to intersection at St. Henry & St.
- 12 Bypass hanging at intersection of St. Gregory and [Ex. 6 (Personal Privacy)]
- 13 [Ex. 6 (Personal Privacy)] Street – Discharge runs over to [Ex. 6 (Personal Privacy)]
- 14 [Ex. 6 (Personal Privacy)] Discharges into [Ex. 6 (Personal Privacy)] backyard
- 15 [Ex. 6 (Personal Privacy)] discharges in backyard manhole
- 16 [Ex. 6 (Personal Privacy)] bypass runs to manhole in backyard of same house
- 17 Old Missouri Ave. – Bypass line discharges to main trunk line

PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Ex. 7f (Water Infra.)

Pump Station Name:

Inspection Date:

12-6-21

Pump Station Location:

FALLING SPRING

Inspected By:

JIM

Number of Pumps:

Pump Manufacturer:

Pump Horsepower:

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☒ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☒ Verify high water warning light operation

COMMENTS:

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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: UPPER CAHOKIA Inspection Date: 12-3-21  
Pump Station Location: UPPER CAHOKIA Inspected By: J.M. SW  
Number of Pumps: 2  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: \_\_\_\_\_

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE/VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☒ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☒ Verify high water warning light operation

COMMENTS:

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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Brucella Ex. 7f (Water Infra.) Inspection Date: 12-3-21  
Pump Station Location: 2 Inspected By: J.M. J.W.  
Number of Pumps: \_\_\_\_\_  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: \_\_\_\_\_

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☒ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☒ Verify high water warning light operation

COMMENTS: Out dated box  
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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Juorith  
Pump Station Location: 2  
Number of Pumps: \_\_\_\_\_  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: \_\_\_\_\_

Inspection Date: 12-4-21  
Inspected By: J. M. SW

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE/VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☒ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☒ Verify high water warning light operation

COMMENTS: \_\_\_\_\_  
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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Twelfth Ex. 7f (Water Infra.) Inspection Date: 12-4-21  
Pump Station Location: 2 Inspected By: JM. JW  
Number of Pumps: \_\_\_\_\_  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: \_\_\_\_\_

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☒ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☒ Verify high water warning light operation

COMMENTS: \_\_\_\_\_  
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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Mississippi Ave

Inspection Date: 12-4-21

Pump Station Location: Ex. 7f (Water Infra.)

Inspected By: \_\_\_\_\_

Number of Pumps: \_\_\_\_\_

Pump Manufacturer: \_\_\_\_\_

Pump Horsepower: \_\_\_\_\_

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☒ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☒ Verify high water warning light operation

COMMENTS: Need DACT clear

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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: School Ex. 7f (Water Infra.) Inspection Date: 12-4-21  
Pump Station Location: 2 Inspected By: SM, S.W.  
Number of Pumps: \_\_\_\_\_  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: \_\_\_\_\_

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☒ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☒ Verify high water warning light operation

COMMENTS: \_\_\_\_\_  
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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Hissrich  
Pump Station Location: 2  
Number of Pumps: \_\_\_\_\_  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: \_\_\_\_\_

Inspection Date: 12-6-21  
Inspected By: J.W. JW

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE/VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☒ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☒ Verify high water warning light operation

COMMENTS:

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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: **Ex. 7f (Water Infra.)** Inspection Date: 12-6-21  
Pump Station Location: Reds' Camp Jackson Inspected By: J.M. JW  
Number of Pumps: 2  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: \_\_\_\_\_

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☒ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☒ Verify high water warning light operation

COMMENTS:

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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: IC TRACKS  
Pump Station Location: 2  
Number of Pumps: \_\_\_\_\_  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: \_\_\_\_\_

Inspection Date: Jim. Ju  
Inspected By: 12-6-21

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☒ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☒ Verify high water warning light operation

COMMENTS: Needs VAC

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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: ST **Ex. 7f (Water Infra.)** Inspection Date: 12-3-21  
Pump Station Location: ST Inspected By: JM JW  
Number of Pumps: 1  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: \_\_\_\_\_

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☒ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☒ Verify high water warning light operation

COMMENTS:

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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: ST Ex. 7f (Water Infra.) Inspection Date: 12-3-21  
Pump Station Location: ST Inspected By: JN. J.W.  
Number of Pumps: 2  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: \_\_\_\_\_

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☒ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☒ Verify high water warning light operation

COMMENTS:

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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: **Ex. 7f (Water Infra.)** Inspection Date: 12-3-21  
Pump Station Location: **Ex. 7f (Water Infra.)** Inspected By: James Culpepper  
Number of Pumps: 2  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: 3 hp

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☐ Inspect wiring
- ☐ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS: \_\_\_\_\_  
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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: **Ex. 7f (Water Infra.)** Inspection Date: 12-3-21  
Pump Station Location: **Ex. 11 (Water Infra.)** Inspected By: James Culpepper  
Number of Pumps: 2  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: 3 HP

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☐ Inspect wiring
- ☐ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS: Panel repair  
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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: **Ex. 7f (Water Infra.)**

Inspection Date: 12-3-21

Pump Station Location: **[REDACTED]**

Inspected By: James Culpepper

Number of Pumps: 2

Pump Manufacturer: \_\_\_\_\_

Pump Horsepower: 342

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☐ Inspect wiring
- ☐ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS: \_\_\_\_\_

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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name:

Ex. 7f (Water Infra.)

Inspection Date:

12-3-21

Pump Station Location:

[REDACTED]

Inspected By:

James Culpepper

Number of Pumps:

2

Pump Manufacturer:

Pump Horsepower:

3hp

WETWELL:



Inspect interior and exterior surfaces



Check for proper access hatch operation



Verify float system operating condition



Inspect pump guide rails

PUMPS:



Pull and reset pump (if needed)



Check for ease of removal and proper sealing at disconnect flange



Check pump chords for obstructions



Check pump for normal operation



Check for unusual noises and/or vibration

VALVE VAULT:



Check sump pump operation



Verify pressure gauges are in place (if applicable)



Check for proper access hatch operation

CONTROL PANEL:



Verify that wiring schematic is on file in Sewer Department Office



Inspect enclosure for damage



Inspect wiring



Perform operational test



Verify that electrical conduits are sealed



Verify high water warning light operation

COMMENTS:

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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: KAY Inspection Date: 12-3-21  
Pump Station Location: Ex. 7f (Water Infra.) Inspected By: James Culpepper  
Number of Pumps: 2  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: 3hp

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☐ Inspect wiring
- ☐ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS: \_\_\_\_\_  
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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: CAROL ST Inspection Date: 12-3-21  
Pump Station Location: Ex. 7f (Water Infra.) Inspected By: James C. Lippert  
Number of Pumps: 2#  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: 3 HP

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☐ Inspect wiring
- ☐ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS: \_\_\_\_\_  
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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: PARK STATION Inspection Date: 12-3-21  
Pump Station Location: Ex. 7f (Water Infra.) James Colpepper  
Number of Pumps: 1  
Pump Manufacturer:   
Pump Horsepower: 2HP

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☐ Inspect wiring
- ☐ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS:

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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Rieber Inspection Date: 12-3-21  
Pump Station Location: Ex. 7f (Water Infra.) Inspected By: James Culpepper  
Number of Pumps: 2#  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: 3HP

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☐ Inspect wiring
- ☐ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS: \_\_\_\_\_  
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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: **Ex. 7f (Water Infra.)**

Inspection Date: 12-3-21

Pump Station Location: **[REDACTED]**

Inspected By: James C. /pepper

Number of Pumps: 1#

Pump Manufacturer: \_\_\_\_\_

Pump Horsepower: 3 HP

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☐ Inspect wiring
- ☐ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS: \_\_\_\_\_

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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Blue Water Inspection Date: 12-3-21  
Pump Station Location: Ex. 7f (Water Infra.) Inspected By: James Culpepper  
Number of Pumps: 2  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: 10HP

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☐ Inspect wiring
- ☐ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS: Panel Repair  
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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: DODD AUL Inspection Date: 12-3-21  
Pump Station Location: Ex. 7f (Water Infra.) Inspected By: James Culpepper  
Number of Pumps: 1  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: 3 HP

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☐ Inspect wiring
- ☐ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS: Discharge need ~~repair~~ repair

PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: **Ex. 7f (Water Infra.)** Inspection Date: 12-3-21  
Pump Station Location: **Ex. 7f (Water Infra.)** Inspected By: James Culpepper  
Number of Pumps: 2  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: 3 We

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☐ Inspect wiring
- ☐ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS:

Panel Repair

PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Miskell Station

Inspection Date: 12-3-21

Pump Station Location: Ex. 7f (Water Infra.)

Inspected By: James Colpepper

Number of Pumps: 1

Pump Manufacturer: \_\_\_\_\_

Pump Horsepower: 3 HP

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☐ Inspect wiring
- ☐ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS: Panel Repair

PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Donald Season Inspection Date: 12-3-21  
Pump Station Location: Ex. 7f (Water Infra.) Inspected By: James Culpepper  
Number of Pumps: 2  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: 3 Hr

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☐ Inspect wiring
- ☐ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS: Panel Repair  
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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Station 5th Street Inspection Date: Dec 12-3-21  
Pump Station Location: **Ex. 7f (Water Infra.)** Inspected By: James Culpepper  
Number of Pumps: 2#  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: 3 hp

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☐ Inspect wiring
- ☐ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS:

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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Buck Station 54 Inspection Date: 12-3-21  
Pump Station Location: Ex. 7f (Water Infra.) Inspected By: James Culpepper  
Number of Pumps: 2  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: 40 hp

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☐ Inspect wiring
- ☐ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS:

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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: **Ex. 7f (Water Infra.)** Inspection Date: 12-3-21  
Pump Station Location: **[REDACTED]** Inspected By: James Culpepper  
Number of Pumps: 1#  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: 40 HP

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☐ Inspect wiring
- ☐ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS: \_\_\_\_\_  
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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Copper Inspection Date: 12-3-21  
Pump Station Location: Ex. 7f (Water Infra.) Inspected By: James Culpepper  
Number of Pumps: 1#  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: 1/2hp

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☐ Inspect wiring
- ☐ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS:

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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Park  
Pump Station Location: PARK  
Number of Pumps: TWO pumps  
Pump Manufacturer: FLGT  
Pump Horsepower: 5 HP

Inspection Date: 12-7-21  
Inspected By: [Signature]

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☒ Verify high water warning light operation

COMMENTS: \_\_\_\_\_  
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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Jackson  
Pump Station Location: JACKSON AV  
Number of Pumps: ONE pump  
Pump Manufacturer: Flygt  
Pump Horsepower: 10 HP

Inspection Date: 12-7-21  
Inspected By: [Signature]

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☐ Check pump chords for obstructions
- ☐ Check pump for normal operation
- ☐ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☐ Inspect enclosure for damage
- ☐ Inspect wiring
- ☐ Perform operational test
- ☐ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS: Bypass; Guide rail broken on one  
side  
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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Johnson  
Pump Station Location: Johnson L  
Number of Pumps: ONE pump  
Pump Manufacturer: FLYGT  
Pump Horsepower: Cp3102 5.Hp

Inspection Date: 12-7-21  
Inspected By: [Signature]

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☐ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☐ Check pump chords for obstructions
- ☐ Check pump for normal operation
- ☐ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☐ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☐ Inspect enclosure for damage
- ☐ Inspect wiring
- ☐ Perform operational test
- ☐ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS:

Bypass

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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name:

Ex. 7f (Water Infra.)

Inspection Date:

12-7-21

Pump Station Location:

Inspected By:

*[Signature]*

Number of Pumps:

ONE

Pump Manufacturer:

Pump Horsepower:

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☐ Check for proper access hatch operation
- ☐ Verify float system operating condition
- ☐ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☐ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS:

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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Central Inspection Date: 12-7-21  
Pump Station Location: Ex. 7f (Water Infra.) Inspected By: [Signature]  
Number of Pumps: ONE pump  
Pump Manufacturer: FLYGT  
Pump Horsepower: 2.9kw - 39HP

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☐ Verify float system operating condition
- ☐ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☐ Check pump chords for obstructions
- ☐ Check pump for normal operation
- ☐ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☒ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☒ Verify high water warning light operation

COMMENTS: Cable railing are broken  
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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: \_\_\_\_\_ Inspection Date: 12-7-21  
Pump Station Location: **Ex. 7f (Water Infra.)** Inspected By: [Signature]  
Number of Pumps: PUMP 7  
Pump Manufacturer: Flygt  
Pump Horsepower: CP3152 14.8 HP

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☒ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☒ Verify high water warning light operation

COMMENTS: High water alert needs fixed  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Market Inspection Date: 12-7-21  
Pump Station Location: **Ex. 7f (Water Infra.)** Inspected By: Kel  
Number of Pumps: PUMP 6  
Pump Manufacturer: FLYGT  
Pump Horsepower: CP3127 10HP

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☒ Verify high water warning light operation

COMMENTS: \_\_\_\_\_  
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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name:

Ex. 7f (Water Infra.)

Inspection Date:

12-7-21

Pump Station Location:

Inspected By:

[Signature]

Number of Pumps:

ONE pump

Pump Manufacturer:

FLYGT

Pump Horsepower:

3-50/60 HZ 5.5 HP

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☒ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☒ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS:

No high water alarm

PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: T.P. Tanks Inspection Date: 12-3-21  
Pump Station Location: Ex. 7f (Water Infra.) Inspected By: [Signature]  
Number of Pumps: 2  
Pump Manufacturer: Grundfos  
Pump Horsepower: 5.5

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☐ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☐ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS: Needs high alarm alert fixed  
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\_\_\_\_\_  
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\_\_\_\_\_  
\_\_\_\_\_

PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Ex. 7f (Water Infra.) Inspection Date: 12-3-21  
Pump Station Location: Ex. 7f (Water Infra.) Inspected By: [Signature]  
Number of Pumps: 2  
Pump Manufacturer: KSB  
Pump Horsepower: 3.4

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☐ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☐ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☐ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS: High Alarm light needed  
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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

PUMP STATION INSPECTION CHECKLIST

City of Cahokia Heights Water & Sewer

Ex. 7f (Water Infra.)

Pump Station Name:

Inspection Date:

12-2-21

Pump Station Location:

EX. 7f (Water Infra.)

Inspected By:

[Signature]

Number of Pumps:

2

Pump Manufacturer:

Fairbanks Morse

Pump Horsepower:

5

WETWELL:

- ☐ Inspect interior and exterior surfaces
- ☐ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☐ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☐ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS:

Station out of service / submersible pump



PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Marysville Lane Inspection Date: 12-2-21  
Pump Station Location: **Ex. 7f (Water Infra.)** Inspected By: R  
Number of Pumps: 2  
Pump Manufacturer: Barnes  
Pump Horsepower: 1.5

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☐ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☒ Verify high water warning light operation

COMMENTS: No high level alarm



PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name:

*Bridgeport*  
**Ex. 7f (Water Infra.)**

Inspection Date:

*12-2-21*

Pump Station Location:

Inspected By:

*[Signature]*

Number of Pumps:

*1*

Pump Manufacturer:

*Corman-Rupp*

Pump Horsepower:

*3*

WETWELL:

- ☐ Inspect interior and exterior surfaces
- ☐ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☐ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☒ Verify high water warning light operation

COMMENTS:

*No high level alarm, operation on One pump.  
Panel box needs covered.*

PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name:

*Black House*

Inspection Date:

*12-2-21*

Pump Station Location:

**Ex. 7f (Water Infra.)**

Inspected By:

*[Signature]*

Number of Pumps:

\_\_\_\_\_

Pump Manufacturer:

\_\_\_\_\_

Pump Horsepower:

\_\_\_\_\_

WETWELL:

- ☐ Inspect interior and exterior surfaces
- ☐ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☐ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☐ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS:

*Station is bypass with submerisible pump.*

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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Lauralee Ex. 7f (Water Infra.) Inspection Date: 12-2-21  
Pump Station Location: \_\_\_\_\_ Inspected By: [Signature]  
Number of Pumps: \_\_\_\_\_  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: \_\_\_\_\_

WETWELL:

- ☐ Inspect interior and exterior surfaces
- ☐ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☐ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☐ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☐ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☐ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS: Station has bypass pump  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Ex. 7f (Water Infra.) Inspection Date: 12-2-21  
Pump Station Location: [REDACTED] Inspected By: [Signature]  
Number of Pumps: 2  
Pump Manufacturer: Gorman Rupp  
Pump Horsepower: 2.7

WETWELL:

- ☐ Inspect interior and exterior surfaces
- ☐ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☐ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS: Needs Guide rails. No high alarm alert

PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name:

Ex. 7f (Water Infra.)

Inspection Date:

12-2-21

Pump Station Location:

Inspected By:

KTD

Number of Pumps:

1

Pump Manufacturer:

German Rupp

Pump Horsepower:

7.5

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☐ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☐ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS:

Panel box needed; 1 pump in operation  
no alarm for high level



PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name:

Ex. 7f (Water Infra.)

Inspection Date:

12-2-21

Pump Station Location:

Inspected By:

*[Signature]*

Number of Pumps:

2

Pump Manufacturer:

KSB

Pump Horsepower:

3.4 HP

WETWELL:

- ☐ Inspect interior and exterior surfaces
- ☐ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☐ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS:

Needs new guide rails; no high level alarm

PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: **Ex. 7f (Water Infra.)** Inspection Date: 12-2-21  
Pump Station Location: [REDACTED] Inspected By: Rub  
Number of Pumps: \_\_\_\_\_  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: \_\_\_\_\_

WETWELL:

- ☐ Inspect interior and exterior surfaces
- ☐ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☐ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☐ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS:

Bypass with submersible pump

PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: **Ex. 7f (Water Infra.)** Inspection Date: 12-2-21  
Pump Station Location: [REDACTED] Inspected By: [Signature]  
Number of Pumps: 2  
Pump Manufacturer: \_\_\_\_\_  
Pump Horsepower: 7.5 hp

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☒ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☒ Verify high water warning light operation

COMMENTS: No comments  
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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Superior Inspection Date: 12-3-21  
Pump Station Location: **Ex. 7f (Water Infra.)** Inspected By: [Signature]  
Number of Pumps: 2  
Pump Manufacturer: Crow / Gorman-Rupp  
Pump Horsepower: 7.5

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☐ Check for proper access hatch operation
- ☐ Verify float system operating condition
- ☐ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS: No high level alarm

PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Creston Drive

Inspection Date: 12-3-21

Pump Station Location: Creston Drive

Inspected By: Kul

Number of Pumps: 2

Pump Manufacturer: Flugt

Pump Horsepower: 3

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☒ Verify high water warning light operation

COMMENTS: \_\_\_\_\_

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PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: **Ex. 7f (Water Infra.)** Inspection Date: 12-6-21  
Pump Station Location: **[REDACTED]** Inspected By: [Signature]  
Number of Pumps: 2  
Pump Manufacturer: German-Rupp  
Pump Horsepower: 3

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☐ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☒ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☒ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS: 1 motor in operation, No high level alarm

PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name:

Ex. 7f (Water Infra.)

Inspection Date:

12-6-21

Pump Station Location:

Inspected By:

*[Signature]*

Number of Pumps:

2

Pump Manufacturer:

Roots

Pump Horsepower:

3

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☐ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☒ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☐ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS:

Needs covering for electrical box. No high water alarm light.

PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Lakeview Pillbox Inspection Date: 12-6-21  
Pump Station Location: Ex. 7f (Water Infra.) Inspected By: [Signature]  
Number of Pumps: 2  
Pump Manufacturer: Gorman-Rupp  
Pump Horsepower: 3

WETWELL:

- ☐ Inspect interior and exterior surfaces
- ☐ Check for proper access hatch operation
- ☐ Verify float system operating condition
- ☐ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☐ Check pump chords for obstructions
- ☐ Check pump for normal operation
- ☐ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☐ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☐ Inspect enclosure for damage
- ☐ Inspect wiring
- ☐ Perform operational test
- ☐ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS: Station is out of service; Bypass in place.  
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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name:

Ex. 7f (Water Infra.)

Inspection Date:

12-6-21

Pump Station Location:

Inspected By:

*[Signature]*

Number of Pumps:

2

Pump Manufacturer:

Roots

Pump Horsepower:

5

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☐ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☐ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS:

One blower active. Damaged container on the exterior has tarp covering to prevent rain. No high water warning light operational.



PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: Beachland Inspection Date: 12-6-21  
Pump Station Location: Ex. 7f (Water Infra.) Inspected By: [Signature]  
Number of Pumps: 2  
Pump Manufacturer: Roots  
Pump Horsepower: 3

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☐ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☐ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☐ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS:

Blower housing can covered with tarp from  
damage. Needs plexiglass to cover electrical panel.  
Has no high water warning light.



PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Ex. 7f (Water Infra.)

Pump Station Name:

Inspection Date:

12-3-21

Pump Station Location:

Inspected By:

KW

Number of Pumps:

2

Pump Manufacturer:

Roots

Pump Horsepower:

1.5

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☐ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☐ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS:

One blower in operation. Needs Plexiglass  
Box cover inside box to cover electric work.  
No high water warning light.

PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name:

Ex. 7f (Water Infra.)

Inspection Date:

12-3-21

Pump Station Location:

Inspected By:

*[Signature]*

Number of Pumps:

2

Pump Manufacturer:

Roots

Pump Horsepower:

7.5

WETWELL:

- ☐ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☐ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☐ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☒ Inspect enclosure for damage
- ☒ Inspect wiring
- ☐ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS:

Bypass in place; submersible pump,  
Blowers inactive. Dead cover over electrical panel.

PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name: 73<sup>rd</sup> Street Inspection Date: 12-6-21  
Pump Station Location: Ex. 7f (Water Infra.) Inspected By: [Signature]  
Number of Pumps: 2  
Pump Manufacturer: Roots  
Pump Horsepower: 5

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☐ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☐ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS: One blower in operation; No high level light.  
No panel cover  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Pump Station Name:

Ex. 7f (Water Infra.)

Inspection Date:

12-6-21

Pump Station Location:

Inspected By:

K. [Signature]

Number of Pumps:

2

Pump Manufacturer:

Roots

Pump Horsepower:

5

WETWELL:

- ☒ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☒ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☐ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☐ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS:

One blower in operation ; No high level light  
No panel cover

PUMP STATION INSPECTION CHECKLIST  
City of Cahokia Heights Water & Sewer

Ex. 7f (Water Infra.)

Pump Station Name: [REDACTED] Inspection Date: 12-3-21  
Pump Station Location: [REDACTED] Inspected By: KD  
Number of Pumps: 2  
Pump Manufacturer: Roots  
Pump Horsepower: 7.5

WETWELL:

- ☐ Inspect interior and exterior surfaces
- ☒ Check for proper access hatch operation
- ☒ Verify float system operating condition
- ☐ Inspect pump guide rails

PUMPS:

- ☐ Pull and reset pump (if needed)
- ☐ Check for ease of removal and proper sealing at disconnect flange
- ☒ Check pump chords for obstructions
- ☒ Check pump for normal operation
- ☒ Check for unusual noises and/or vibration

VALVE VAULT:

- ☐ Check sump pump operation
- ☐ Verify pressure gauges are in place (if applicable)
- ☐ Check for proper access hatch operation

CONTROL PANEL:

- ☐ Verify that wiring schematic is on file in Sewer Department Office
- ☐ Inspect enclosure for damage
- ☒ Inspect wiring
- ☒ Perform operational test
- ☒ Verify that electrical conduits are sealed
- ☐ Verify high water warning light operation

COMMENTS: Bypass in place; Blowers are inactive, needs  
cover over electrical panel. Submersible pump.